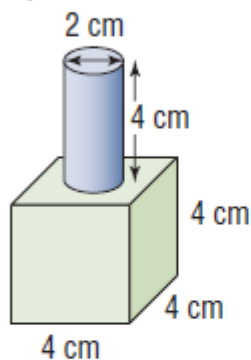


1.4 Surface Areas of Other Objects

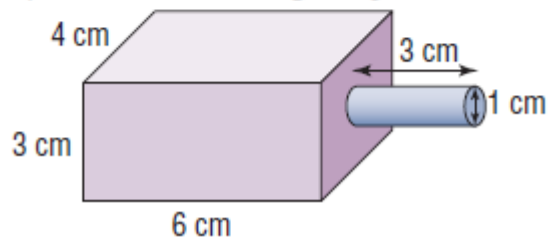
Math Makes Sense Page 40-42

3. Determine the surface area of each composite object. Give the answers to the nearest whole number.

a) cylinder on a cube

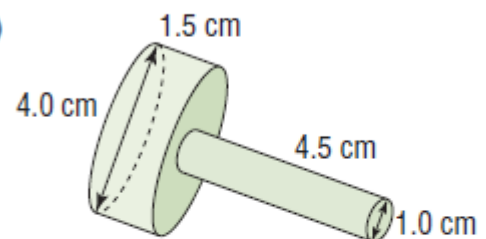


b) cylinder on a rectangular prism

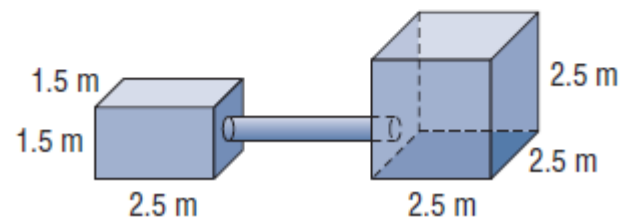


4. Determine the surface area of each composite object. Give the answers to the nearest tenth.

a)

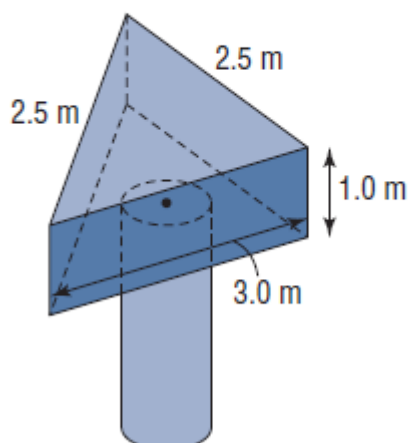


b) The cylinder is 3.5 m long with diameter 0.5 m.

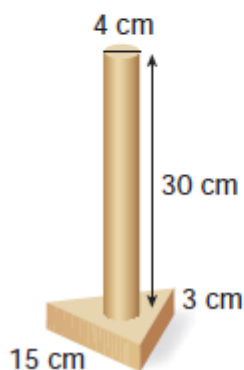


5. Determine the surface area of each composite object.

a) The cylinder is 2.5 m long with radius 0.5 m.



6. Here is the lamp stand from the top of page 33. The base of the lamp is a triangular prism with an equilateral triangle base. The surface of the stand is to be painted. What is the area that will be painted? Give the answer to the nearest whole number.



9. Each layer of a three-layer cake is a cylinder with height 7.5 cm. The bottom layer has diameter 25 cm. The middle layer has diameter 22.5 cm. The top layer has diameter 20 cm. The surface of the cake is frosted.
- Sketch the cake.
 - What area of the cake is frosted?
11. Rory will paint this birdhouse he built for his backyard. The perch is a cylinder with length 7 cm and diameter 1 cm. The diameter of the entrance is 3 cm. What is the area that needs to be painted? Give the answer to the nearest whole number.

